

From owner-qrp-1@netcom.com Thu Mar 16 10:04:17 1995  
From: Bob Levine <levine@mc.com>  
Date: Thu, 16 Mar 95 09:18:41 EST  
Message-Id: <9503161418.AA03320@fugu>  
Subject: 1x2 & 2x1 calls

----- Begin Included Message -----

>From owner-qrp-1@netcom.com Wed Mar 15 23:48:44 1995  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Wed, 15 Mar 1995 14:34:44 -0800  
To: qrp-1@netcom.com  
>From: burdick@interval.com (Wayne Burdick)  
Subject: 1x2 calls not in use in 6-land?  
Sender: owner-qrp-1@netcom.com  
Content-Length: 179

Does anyone know of a quick way of determining what 6-land 1x2 or 2x1 calls are NOT in use yet? I have a friend who wants to submit the "right" list to the FCC.

Wayne, N6KR

----- End Included Message -----

Radio Devices sells the QRZ! CDRom and have written a Windows App to find all of those (for any call area). Send me a business size SASE and I'll send you a printout. I will not email the list.

Same offer to anyone else, any call district.

Bob

From owner-qrp-1@netcom.com Thu Mar 16 15:17:20 1995  
Message-Id: <9503161925.AA04560@us1rmc.bb.dec.com>  
Date: Thu, 16 Mar 95 14:25:02 EST  
From: Bill Acito 16-Mar-1995 1422 <acito@asdg.enet.dec.com>

Subject: <didn't bother with a subject>

I just joined an internet provider here in the area, an might be able ot use my personal home page allowance to support a WWW page for this group. Give me a chance to ask the right questions...

b

. . . . . - I own my own words - . . . . .

|                                |                               |
|--------------------------------|-------------------------------|
| Bill Acito                     | d i g i t a l                 |
| acito@asdg.enet.dec.com        | Digital Semiconductor - Fab 6 |
| ...now also acito@ultranet.com | Hudson, MA                    |

kc1gs (qrp-ne #260, arrl life)

From owner-qrp-l@netcom.com Thu Mar 16 15:47:49 1995  
From: RAINS@NKU.EDU  
Date: Sun, 12 Mar 1995 14:16:48 -0400 (EDT)  
Subject: Am I still subscribed?  
Message-Id: <01H01V1LW19U9KM15G@NKU.EDU>

Hello all, I am just typing this to see if I am still subscribed to the qrp list. I haven't gotten any posts from it lately.

73 de AA9KM  
Justin

From owner-qrp-l@netcom.com Fri Mar 17 17:36:55 1995  
Date: Thu, 09 Mar 1995 22:26:56 GMT  
From: Rev George Dobbs <g3rjv@gqrp.demon.co.uk>  
Message-Id: <3160@gqrp.demon.co.uk>  
Subject: Can Anyone Help?

I am looking into finding CW Filters for the FT707 for OK1DZD.  
I recall adverts in US magazines by the Fox Tango Club...  
Does anyone have an address?

--

-----  
George Dobbs G3RJV  
G-QRP Club

"It is vain to do with more,  
what can be done with less."

----- William of Occam (1290-1350)

From owner-qrp-l@netcom.com Fri Mar 17 16:47:52 1995  
From: fax@sparc4.Ico.Olivetti.Com  
Message-Id: <9503171349.AA00249@sparc4.ICO.OLIVETTI.COM>  
Subject: Component suppliers addr  
Date: Fri, 17 Mar 1995 14:49:42 +0100 (MET)

Hi all,

I'm wondering if someone has an the address (plus fax and tel no) of an RF parts supplier with a detailed catalog who can reccomend for toroids, RF transistor and ICs et al.

I already have Dan's small part catalog here but, although he's got most of the things I need, he does not accept plastic for payment which is a problem when ordering from outside US.

Thanks & 73

--

Marco Fassiotto, i1i1y/aa1iu  
Internet : fax@sparc4.ico.olivetti.com  
AX25 : aa1iu@n0ary.#nocal.ca.usa.na

From owner-qrp-l@netcom.com Fri Mar 17 17:38:51 1995  
Date: Fri, 17 Mar 1995 07:41:39 -0600 (CST)  
From: Jeff Gold <JMG@tntech.edu>  
Subject: don't know part #  
Message-Id: <01H08GPQOW9AD00DVV@tntech.edu>

All,

I don't remember the part number.. it is most likely in the catalog.

sorry

Jeff

From owner-qrp-l@netcom.com Thu Mar 16 17:23:20 1995  
Message-Id: <9503162127.AA21748@garnet.inel.gov>  
Date: Thu, 16 Mar 1995 14:28:42 -0700  
From: LVE1@inel.gov (Larry East)  
Subject: E-mail address for Jim Cates

Does anyone know if Jim Cates, WA6GER, has an email address?

Tnx and 72, Larry W1HUE/7

From owner-qrp-l@netcom.com Fri Mar 17 17:06:18 1995  
Message-Id: <199503170027.UAA13094@public.compuserve.com>  
Date: Fri, 17 Mar 1995 00:20:14 +0000  
From: rgobrick@public.compuserve.com (Robert J. Gobrick)  
Subject: Re: E-mail address for Jim Cates

Larry,

Jim Cates is not on email. I keep threatening him that when I see him at Dayton that I will give him an account so there are no excuses. He said something like he prefers to work 40 meter cw in the morning with his Norcal 40A - Can you imagine that the nerve of him... ;-)

72 Bob VO1DRB/WA6ERB

>Does anyone know if Jim Cates, WA6GER, has an email address?

>

>Tnx and 72, Larry W1HUE/7

>

>

-----  
Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada  
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compuserve.com  
bgobrick@terra.nlnet.nf.ca

Compuserve: 70466.1405@compuserve.com  
-----

From owner-qrp-l@netcom.com Fri Mar 17 17:33:12 1995  
Date: Fri, 17 Mar 1995 12:03:27 -0700 (MST)  
From: Rick Zabrodski <zabrodski@med.ucalgary.ca>  
Subject: Re: E-mail address for Jim Cates  
Message-Id: <Pine.SUN.3.91.950317120254.1828C-1000000@ume>

tell him at dayton that I will pay for his first month on!

\*\*\*\*\*  
Dr. Rick Zabrodski BSc, MD, CCFP(E)                   \*                   VE6GK

Email: zabrodsk@med.ucalgary.ca                      \* NorCal 519    ARCI 7099    GQRP 8329  
Phone 403-271-5123 Fax 403-225-1276                \* "Power is no substitute for skill"  
\*\*\*\*\*

From owner-qrp-1@netcom.com Thu Mar 16 17:25:37 1995  
From: penc@psuh02meteo.psu.edu  
Date: Thu, 16 Mar 1995 21:06:45 GMT  
Message-Id: <95031621064523@psuh02meteo.psu.edu>  
Subject: Flux (rosin) remover?

Gang:

Can anyone give me a pointer as to what to use to remove accumulations of ugly solder rosin (flux) from a finished printed circuit board? I have an old rig which I am working on (old Heath HW-7) which has globs of the stuff around some of the solder joints, and I'd like to clean up the board a little before restoring it to the cabinet.

Thanks much

Rich Penc    WK2A  
penc@psuh02meteo.psu.edu

From owner-qrp-1@netcom.com Fri Mar 17 16:44:04 1995  
From: rehm@zso.dec.com  
Message-Id: <9503170641.AA25531@slugbt.zso.dec.com>  
Subject: Re: Flux (rosin) remover?  
Date: Thu, 16 Mar 95 22:41:03 -0800

>  
> Warm isopropyl alcohol. You can also use tri-chloroethane, if you can  
> still get it.

Tri-chloroethane (TCE) is a hazardous chemical to be avoided...it's harmful to your health and harmful to the environment. During the 60's, 70's, and 80's, many community water wells were contaminated due to improper (or leaky) storage of TCE by electronics component and PC board manufacturers. (The most famous incident was in Silicon Valley).

Large companies like Digital Equipment Corporation are now using water-based processes for cleaning PC boards so that the purchase, storage, and disposal of TCE is eliminated.

Since isopropyl alcohol works just fine, and relative to TCE is fairly benign, I'd stick with that.

/eric rehm  
Seattle, WA  
KJ7AE

From owner-qrp-1@netcom.com Fri Mar 17 16:46:04 1995  
From: mont@netcom.com (Mont Pierce)  
Message-Id: <199503171544.HAA22518@netcom.netcom.com>  
Subject: Re: Flux (rosin) remover?  
Date: Fri, 17 Mar 1995 07:44:39 -0800 (PST)

> Haven't used the stuff myself (use another brand) but I see that Radio Shack  
> now carries rosin flux remover - for the tough jobs use a new toothbrush to  
> do a little scrubbing - as Chuck Adams recently noted old toothbrushes leave  
> a "foamy" crest-like (sic) finish ;-)

Well, it does help if you rinse out all the old toothpaste first! :) :)

Sorry, couldn't resist,  
km6wt

--  
Mont Pierce

```
+-----+
| Ham Call: KM6WT           Internet:  mont@netcom.com |
|   bands: 80/40/20/15/10/2 |
|   modes: cw,ssb,fm       |
+-----+
```

From owner-qrp-1@netcom.com Fri Mar 17 16:46:44 1995  
Message-Id: <199503162344.AA16839@zia.aoc.nrao.edu>  
Date: Thu, 16 Mar 1995 16:44:38 -0700  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: Re: Flux (rosin) remover?

Sitting here at work today stuffing out and CLEANING circuit boards,  
I just happen to have a couple cans of cleaner in front of me.

I use the Miller-Stephenson Co. "Trichloroethane Solvent," No. MS-170.  
Squirt that stuff on the flux and scrub off with a small brush (kinda  
like one for cleaning an electric shaver), toothbrush, or even a Q-tip  
while the flux is moist from the cleaner. (It evaporates kinda fast).

There are also some freon and freon-safe type cleaners you can get, such  
as Tech Spray "Freon TF FD Cleaner." (Stock no. 1638-16S). I think the  
TF means trichloroethane-freon, or basically a synthetic freon that

doesn't mess up the ionosphere, yak, yak, yak and FD ... ??? who knows.

I have also used regular old alcohol to loosen old flux and scrub it away with a little elbow juice. On big blobs, its usually easier and faster to just chip it away with a small screw driver or something, then clean what's left.

Finger nail polish remover has also been used with some degree of success.

The first two choices are available at an electronic supply business, but likely not a Radio Shack type of thing.

Good luck, Paul NA5N

```
-----NATIONAL RADIO ASTRONOMY OBSERVATORY ----- Socorro, New Mexico -----  
| VLA - Very Large Array Observatory - Worlds largest radio telescope |  
| VLBA - Very Long Baseline Array - even larger |  
----- (pharden@zia.aoc.nrao.edu) --- (73 de NA5N) -----
```

From owner-qrp-l@netcom.com Fri Mar 17 16:48:16 1995  
Message-Id: <199503170027.UAA13090@public.compuser.net>  
Date: Fri, 17 Mar 1995 00:20:12 +0000  
From: rgobrick@public.compuser.net (Robert J. Gobrick)  
Subject: Re: Flux (rosin) remover?

Rich,

Haven't used the stuff myself (use another brand) but I see that Radio Shack now carries rosin flux remover - for the tough jobs use a new toothbrush to do a little scrubbing - as Chuck Adams recently noted old toothbrushes leave a "foamy" crest-like (sic) finish ;-)

72 Bob VO1DRB/WA6ERB

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>

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>ugly solder rosin (flux) from a finished printed circuit board? I have an  
>old rig which I am working on (old Heath HW-7) which has globs of the stuff  
>around some of the solder joints, and I'd like to clean up the board a  
>little before restoring it to the cabinet.

>

>

>Thanks much

>

>Rich Penc WK2A

>penc@psumeteo.psu.edu

>

---

Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada  
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compusult.nf.ca  
bgobrick@terra.nlnet.nf.ca

Compuserve: 70466.1405@compuserve.com

---

From owner-qrp-l@netcom.com Fri Mar 17 17:30:11 1995  
Date: Thu, 16 Mar 1995 17:41:00 -0800 (PST)  
From: "H. Ward Silver" <hwardsil@seattleu.edu>  
Subject: Re: Flux (rosin) remover?  
Message-Id: <Pine.3.07.9503161757.A642-7100000@bach.seattleu.edu>

Warm isopropyl alchohol. You can also use tri-cloroethane, if you can still get it.

73, Ward N0AX

From owner-qrp-l@netcom.com Fri Mar 17 17:42:12 1995  
From: JimN0OCT@aol.com  
Date: Fri, 17 Mar 1995 07:54:47 -0500  
Message-Id: <950317075445\_52304453@aol.com>  
Subject: Re: Flux (rosin) remover?

>

>> Warm isopropyl alchohol. You can also use tri-cloroethane, if you can  
>> still get it.

>Tri-colorethane (TCE) is a hazardous chemical to be avoided...it's harmful  
>to your health and harmful to the environment. During the 60's,  
>70's, and 80's, many community water wells were contaminated due  
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>and PC board manufacturers. (The most famous incident was in Silicon  
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>water-based processes for cleaning PC boards so that the purchase,



>storage, and disposal of TCE is eliminated.

>Since isopropyl alcohol works just fine, and relative to TCE is fairly  
>benign, I'd stick with that.

>/eric rehm  
>Seattle, WA  
>KJ7AE

-----  
Don't want to muddy the waters, but here goes. It seems from the posts you have several choices to remove flux: TCE (trichloroethane), rubbing alcohol (no, vodka probably won't work; besides, the olive keeps getting in the way), or finger nail polish remover.

TCE--One can probably find this at office supply stores as "Dr. Scat" which is a typewriter platen cleaner. It is a chlorinated solvent, and you should avoid breathing it every day for the rest of your life (or drinking it--see olive note above). However, if used with good ventilation (and wear gloves), it is much safer from a \*flammability\* standpoint than the other alternatives.

Rubbing alcohol will work, but if you are using Isopropyl based rubbing alcohol, one should also use good ventilation. It is also \*very\* flammable. Not good in martinis, gimlets, etc. Just as Kitty Dukakis.....

Finger nail polish, being a mixture of ketones will probably also work well. It also is \*very\* flammable and should be used with proper ventilation. Also, your board may smell like your toilet paper when you're done (it is my firm belief that finger polish has the same perfume in it as baby oil and toilet paper).

Regarding removing flux with water: that technique is usually used with solders that have water soluble flux. I don't think the stuff we buy from Kester or Radio Shack is very water soluble.

Bottom Line?? Use good judgement, always use good ventilation (and gloves [playtex or surgical] if you're so inclined), keep open flames (like that furnace) away, and save the vodka for cold winter nights.

73, Jim

Independent Owner/Operator of radio station N00CT

From owner-qrp-1@netcom.com Fri Mar 17 17:42:19 1995

Date: Thu, 16 Mar 1995 23:41:47 -0800 (PST)  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: Re: Flux (rosin) remover?  
Message-Id: <Pine.SUN.3.90.950316234044.23858A-100000@nimbus>

On Thu, 16 Mar 1995 JEVERHART@cayman.VF.MMC.COM wrote:

>  
> Stephen, you wrote:  
>  
>  
> > Grain alcohol works very well for removing flux off circuit  
> > boards. Be sure and use an acid-proof brush though, NOT an  
> > old toothbrush. I cut the bristles short to give better  
> > scrubbing action. Anyone tried using Vodka?  
>  
> Yeah, it works, but it tastes terrible afterward.  
>  
>  
> 72/73,  
>  
> Joe E. N2CX  
>

Geeeeesssssh Joe,

You gota drink it first!

73's, Ron  
.....KU7Y.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Sun Valley, Nevada....  
.....ARRL.....NorCal #330.....NRA LIFE.....

From owner-qrp-1@netcom.com Fri Mar 17 17:47:43 1995  
From: JEVERHART@cayman.VF.MMC.COM  
Date: Thu, 16 Mar 1995 23:20:56 -0500 (EST)  
Message-Id: <950316232056.22e2cd0b@carib.vf.mmc.com>  
Subject: Re: Flux (rosin) remover?

Stephen, you wrote:

> Grain alcohol works very well for removing flux off circuit  
> boards. Be sure and use an acid-proof brush though, NOT an

> old toothbrush. I cut the bristles short to give better  
> scrubbing action. Anyone tried using Vodka?

Yeah, it works, but it tastes terrible afterward.

72/73,

Joe E. N2CX

From owner-qrp-l@netcom.com Fri Mar 17 18:03:26 1995  
Date: Thu, 16 Mar 1995 15:14:03 -0800 (PST)  
From: Stephen Lee <slee@u.washington.edu>  
Subject: Re: Flux (rosin) remover?  
Message-Id: <Pine.A32.3.91c.950316150327.67413A-100000@homer19.u.washington.edu>

Grain alcohol works very well for removing flux off circuit boards. Be sure and use an acid-proof brush though, NOT an old toothbrush. I cut the bristles short to give better scrubbing action. Anyone tried using Vodka?

73's all,  
Stephen Lee  
AB7HI

From owner-qrp-l@netcom.com Thu Mar 16 14:56:25 1995  
From: N5EM@aol.com  
Date: Thu, 16 Mar 1995 11:06:30 -0500  
Message-Id: <950316110629\_51330573@aol.com>  
Subject: Fwd: Club Logo Items

-----  
Forwarded message:

Subj: Club Logo Items  
Date: 95-03-16 09:59:04 EST  
>From: N5EM  
To: mmarmor@pluto.njcc.com

The Colorado QRP Club (CQC@aol.com) has patches and decals. I have ordered patches when I joined (separate address, though) but I did not order decals. I am a sucker for a patch (comes from too much Cub Scouting).

I haven't seen decals for ARCI, NorCal or Vibroplex, but I'd dearly love a nice Vibroplex patch for a jacket I'm working on. If you coorespond with Mitch, tell him to get a nice 3 or 4 inch patch. They'll go like hotcakes!

72/73

Ed Manuel - N5EM  
n5em@aol.com  
Houston, Texas

QRP - Its a state of mind, not just a power level.

QRP ARCI #4914, G-QRP #1243, NORCAL #498  
(Coming soon .... my CQC Number!)

From owner-qrp-l@netcom.com Thu Mar 16 08:08:03 1995  
From: tbowman@leba.net  
Date: Thu, 16 Mar 1995 06:06:49 -0500  
Message-Id: <199503161106.GAA22582@fig.leba.net>  
Subject: Re: How about a WWW site?

I spend a lot of time looking for new www sites via Netscape. Most of them lead me to useful information. And I've read the qrp list since May. The list is my most valued asset on the net.

I see nothing wrong with a www site for QRP info if it doesn't read like a solicitation to join qrp-l. The quality of postings here is high, mainly because qrp-l is off the beaten net path.

Any references on the web about subscribing to qrp-l, should be just that-references, in my opinion. Not requests to join qrp-l.

Also, I sent Daniel info about me and my station for list members, not for web browsers. Keep my info of the web.

With care, I think you will come up with a fine www site, Steve. Good luck.  
Tom, WA3REY.

From owner-qrp-l@netcom.com Thu Mar 16 10:33:45 1995  
Date: Thu, 16 Mar 1995 09:10:37 -0330 (NST)  
From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nl.net.nf.ca>  
Subject: Re: How about a WWW site?  
Message-Id: <Pine.OSF.3.91.950316085513.6519B-1000000@terra.nl.net.nf.ca>

Steve,

FANTASTIC idea! I have just lately started cruising World Wide Web (for=20 folks out there interested you do need (am I correct here) a SLIP or PPP=20 connection to your Internet server to make good use of this WWW=20 graphical GUI-hypertext way of having fun.

AMSAT just set up a WWW page and it is a fantastic tool for getting=20 everything you wanted to know about AMSAT and "places" to visit related=20 to AMSAT and satellite. For those who have heard the term hypertext (Mac=

=20

folks know) what's nice about WWW is that you just click on a hypertext=20  
word and it =C0=C0takes you half way across the world to access that site -=  
=20  
marvelous..

So Steve I think a WWW page would be a great service. We probably need a=  
=20

home for all the graphics (photos). By the way let me just say it is so=20  
neat to see the graphics pop up on WWW pages. Mike WA8MCQ just sent me=20  
some GIF photos of QRP rigs and they look great - you know - pictures=20  
tells a thousand words - believe it.

Good luck onthis Steve. I have no clue how I cansupport you with this=20  
task (I hear making WWW pages and online publishing is becoming a BIG=20  
business), but if there is any way you need help let me (us) know. Daton=  
=20

would be a good "roll-out" - maybe put on a multimedia bash like=20  
Microsoft does ;-)

72 Bob V01DRB/WA6ERB

On Wed, 15 Mar 1995, Steve Hideg wrote:

> I've just started playing with some HTTP server software. I'm toying with  
> the idea of providing an official WorldWide Web site for this list.

>=20

> This would be a place for images, links to members' home pages (for those  
> that have them), schematics, etc.

>=20

> Perhaps we could even get a mechanism in place for publishing contest sco=  
res.

>=20

> Now, I certainly don't want to duplicate any efforts of our fabulous  
> newsletters out there. But I think there is a definite place for such a  
> service. This could be especially useful for folks who join the list and  
> are wondering about various equipment discussed. We could post pictures a=  
nd

> descriptions of the various rigs people use and talk about, profiles of  
> list members (if they want them, based on 9V1ZV's lists, for example),  
> FAQs, schematics, contest info, etc.

>=20

> Now, I don't want it to be the archive for the messages generated in this  
> list. My idea is to provide a text/visual/audio site for folks to find in=  
fo

> that is often discussed on the QRP list.

>=20

> The official debut of the site would be sometime after the 1995 Dayton

> Hamvention. Featured will be photographs of QRP activities in Dayton by  
> various list members who wish to donate.  
>=20  
> What do y'all think?  
>=20  
> --Steve  
>=20  
>=20  
> -----=  
-  
>                   Steve Hideg   Macintosh Consultant/Analyst  
>=20  
> Office of University Computing       Telephone: (219) 631-EXAM  
> G034 Computing Center/Math Building   E-mail: Steve.Hideg.1@nd.edu  
> University of Notre Dame               URL: http://www.nd.edu/~shideg=  
/  
> Notre Dame, IN 46556                 Ham Radio: N8HSC/9  
> -----=  
-  
>                   Action figures sold separately.  
>=20  
>=20  
>=20

-----  
Bob Gobrick   V01DRB/WA6ERB/VE2DRB   Newfoundland, Canada

QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet:       bgobrick@terra.nlnet.nf.ca  
                 rgobrick@public.compuserve.nf.ca

Compuserve:     70466.1405@compuserve.com

-----=1A

From owner-qrp-1@netcom.com   Thu Mar 16 14:19:21 1995  
From: negaard@draagen.graceland.edu  
Date: Thu, 16 Mar 1995 08:45:36 -0600  
Message-Id: <199503161445.IAA02389@draagen.graceland.edu>  
Subject: Re: How about a WWW site?

>>>> "Steve" == Steve Hideg <Steve.Hideg.1@nd.edu> writes:

Steve> I've just started playing with some HTTP server software. I'm  
Steve> toying with the idea of providing an official WorldWide Web  
Steve> site for this list.

Steve> This would be a place for images, links to members' home pages  
Steve> (for those that have them), schematics, etc.

Love the idea.

Steve> Perhaps we could even get a mechanism in place for publishing  
Steve> contest scores.

Steve> Now, I certainly don't want to duplicate any efforts of our  
Steve> fabulous newsletters out there. But I think there is a definite  
Steve> place for such a service. This could be especially useful for  
Steve> folks who join the list and are wondering about various  
Steve> equipment discussed. We could post pictures and descriptions of  
Steve> the various rigs people use and talk about, profiles of list  
Steve> members (if they want them, based on 9V1ZV's lists, for  
Steve> example), FAQs, schematics, contest info, etc.

Steve> [...]

Steve> What do y'all think?

Yes!!! I was just going to ask about this yesterday; got distracted  
and forgot 'til I read your message this morning. I would especially  
like to see schematics, project notes, etc.

I'm hoping that next month I'll have the money to join a couple of  
clubs, but in the meantime I use the list as a substitute. A Web page  
would enhance the list, IMHO.

--

|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| o David Negaard        | o negaard@graceland.edu                                                             |
| o Help Desk Technician | o <a href="http://www.graceland.edu/~negaard">http://www.graceland.edu/~negaard</a> |
| o 700 College Avenue   | o linux-phile                                                                       |
| o Lamoni, IA 50140     | o 73 de KB0PXX                                                                      |

From owner-qrp-l@netcom.com Thu Mar 16 14:23:47 1995

Date: Thu, 16 Mar 1995 10:28:31 -0500

Message-Id: <199503161528.AA19123@yfn2.ysu.edu>

From: ah301@yfn.ysu.edu (Jerry Sy)

Subject: Re: How about a WWW site?

>

>I've just started playing with some HTTP server software. I'm toying with  
>the idea of providing an official WorldWide Web site for this list.

>

I think there is already a WWW site for this list. it was set up

by Steve (the SSB foxhunt guy) in Raleigh, NC.

http to sunsite.unc.edu, I cannot remember the exact path right now,  
but it contains ALL messages in this list since it started in 93,  
foxhunt results, your pictures, qrp rig reviews, everything you mentioned  
is in there, I think.

you maybe aware of this site already.  
just avoiding the reinvention of the wheel.

jerry

From owner-qrp-l@netcom.com Thu Mar 16 16:58:31 1995  
Date: Thu, 16 Mar 1995 11:45:03 +0800  
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)  
Message-Id: <9503161945.AA00607@radium.Eng.Sun.COM>  
Subject: Re: How about a WWW site?

>  
> >>>> "Steve" == Steve Hideg <Steve.Hideg.1@nd.edu> writes:  
>  
> Steve> I've just started playing with some HTTP server software. I'm  
> Steve> toying with the idea of providing an official WorldWide Web  
> Steve> site for this list.  
>  
> ...  
>  
> Steve> What do y'all think?  
>

YES!!! Do it! A great idea!

72 de WB6TPU Ray

raymonda@radium.eng.sun.com

From owner-qrp-l@netcom.com Thu Mar 16 17:29:05 1995  
From: Jerry Palsson <palsson@rohan.sdsu.edu>  
Message-Id: <199503161753.JAA10946@rohan.sdsu.edu>  
Subject: Re: How about a WWW site?  
Date: Thu, 16 Mar 1995 09:53:15 -0800 (PST)

One dash of reality: Good-quality images can take a \*long\* time to display,  
especially if you're browsing the Web via a SLIP connection.



Perhaps a good old-fashioned \*ftp\* site for QRP-related images would serve the purpose better. Then they would be available to the wider audience of QRPers on this list, and not just those with image-capable Web browsers.

Of course a Web server is much sexier than an ftp site... :)

BTW, I run a personal Web server with a page for amateur radio. Anyone is welcome to visit it (<http://bookworm.sdsu.edu/>).

Jerry AA6KI

From owner-qrp-l@netcom.com Fri Mar 17 17:56:14 1995  
Date: Fri, 17 Mar 1995 07:29:21 -0600 (CST)  
From: TCJC Library <tcjcslib@metronet.com>  
Subject: Re: How about a WWW site?  
Message-Id: <Pine.HPP.3.90.950317072346.10187M-100000@fohnix.metronet.com>

On Thu, 16 Mar 1995, Jerry Palsson wrote:

> One dash of reality: Good-quality images can take a \*long\* time to display,  
> especially if you're browsing the Web via a SLIP connection.  
>  
> Perhaps a good old-fashioned \*ftp\* site for QRP-related images would serve  
> the purpose better. Then they would be available to the wider audience of  
> QRPers on this list, and not just those with image-capable Web browsers.  
>

Due to the length of time for downloading images I often cruise the web using lynx and my 'regular' [i.e. non-slip] dial-in connection. If using netscape i find that carefully written pages load quickly with large images Available at a click. Those that drive you nuts are the ones which automatically assume you want it all -- compare the white house home page [yuck] with that of netscape and compare the download time.

This is a great idea - using lynx [telnet to U of Kansas if it's not locally available] just about everyone here [except e-mail only accounts] should be able to access it.

73 'Doc' W5TB

From owner-qrp-l@netcom.com Fri Mar 17 17:57:27 1995  
Message-Id: <199503170027.UAA13097@public.compuser.nf.ca>  
Date: Fri, 17 Mar 1995 00:20:16 +0000  
From: rgobrick@public.compuser.nf.ca (Robert J. Gobrick)  
Subject: Re: How about a WWW site?

Jerry - one nice thing I notice about a good homepage on WWW is that it will allow a hypertext to ftp sites so a user can get "directed that way". Once there you are all set to download. I find that so much easier than unixing my way around the internet - I want immediate gratification with no thought - the WWW gives me that - hi.

I remember just a few weeks ago where I wanted to find out the telemetry format for the new Russian RS-15 satellite (real outer space qrp) - a few minutes on the WWW to the AMSAT home page , then a jump to who knows where (maybe G3IOR) and bingo - ftp site to download the info - took all of about 5 minutes - fantastico.

So even though there may be great ftp sites like yours that store images etc - the WWW homepage can act as the "one-stop shopping" place to get there (and other qrp ftp related files).

72 Bob V01DRB/WA6ERB

>One dash of reality: Good-quality images can take a \*long\* time to display, especially if you're browsing the Web via a SLIP connection.

>

>Perhaps a good old-fashioned \*ftp\* site for QRP-related images would serve the purpose better. Then they would be available to the wider audience of QRPers on this list, and not just those with image-capable Web browsers.

>

>Of course a Web server is much sexier than an ftp site... :)

>

>BTW, I run a personal Web server with a page for amateur radio. Anyone is welcome to visit it (<http://bookworm.sdsu.edu/>).

>

>Jerry AA6KI

>

>

-----  
Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada  
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: [rgobrick@public.compuserve.com](mailto:rgobrick@public.compuserve.com)  
[bgobrick@terra.nl.net](mailto:bgobrick@terra.nl.net)

Compuserve: 70466.1405@compuserve.com  
-----

From owner-qrp-1@netcom.com Fri Mar 17 17:55:01 1995

Message-Id: <m0rpeKz-0004b5C@wb6hqk.ampr.org>  
From: bart@wb6hqk.ampr.org (Bart Rowlett)  
Subject: Joining NORCAL  
Date: Fri, 17 Mar 1995 07:53:15 -0800 (PST)

Sorry about this FAQ but I don't archive this list.

How does one go about joining NORCAL? I would like to get involved with kit building / designing and it seems like a pretty good group to get started with.

Thanks,

bart wb6hqk

bart@wb6hqk.ampr.org

From owner-qrp-1@netcom.com Fri Mar 17 17:54:47 1995  
Date: Thu, 16 Mar 1995 20:31:17 -0800  
Message-Id: <199503170431.AA11645@lafn.org>  
From: af389@lafn.org (David Shalita)  
Subject: Magazine articles needed

I need copies of the following to complete a project being homebrewed.

The author is  
Stephen Gibson

"The \$100 TVRO Receiver - Satelite Central, part VIII" 73, 8/1982, page 60

"The \$100 TVRO Receiver - Satelite Central, part IX" 73, 9/1982, page 60  
and

Shriner and Pagel, "A step attenuator you can build" QST 9/1982 page 11

Thanks very much for any assistance.  
Happy to send SASE plus copying costs.  
73 Dave, W6MIK

7833 Cantaloupe Ave.  
Van Nuys, CA 91402

--  
af389@lafn.org  
Dave Shalita,

From owner-qrp-l@netcom.com Fri Mar 17 17:40:51 1995  
Date: Fri, 17 Mar 1995 16:45:00 -0500 (EST)  
From: Richard Haynes <rhaynes@explorer.csc.com>  
Subject: Matching OHR Paint  
Message-Id: <Pine.SUN.3.91.950317164035.19463C-100000@explorer.csc.com>

I have finished my NC40A and thought about painting it to match the OHR  
WM-1 and SCAF cases. Does anyone know what paint will match OHR?

TNX Richard

-----  
| Richard Haynes -- N5QXF -- QRP 7499 -- NorCal 601 |  
| the comments and opinions are my own, not CSC ... |  
-----

From owner-qrp-l@netcom.com Fri Mar 17 18:35:34 1995  
Date: Fri, 17 Mar 1995 10:25:21 -0700 (MST)  
From: Blair Heinzlmeir <blair@tibalt.supernet.ab.ca>  
Subject: NN1G Vfo problem  
Message-Id: <Pine.HPP.3.91.950317102114.16380A-100000@tibalt.supernet.ab.ca>

Hi All;

I am right in the middle of de-bugging a NN1G 20 meter cw transceiver.  
Not the Mark 2 but the first version.  
The problem that I'm having is getting the vfo working. I have tried  
replacing the mpf-102 , re-wound L1 and checked for open capacitors  
and still nothing.  
Does anybody have some idea on what I could try next?  
72 Blair VE6BJH

From owner-qrp-l@netcom.com Fri Mar 17 17:38:06 1995  
Message-Id: <199503171902.LAA27117@mail2.netcom.com>  
Date: Fri, 17 Mar 1995 12:00:49 -0700  
From: jaevans@cos.titan.com (John A. Evans)  
Subject: PC Boards

>What are some of the ways you guys get your artwork onto the PC board? I've  
>been using the: copy the layout, tape it to the board with carbon paper,  
>trace, center punch, pull it off, then I've been using perm. markers and etch  
>resist pens, (RS). The etch resist pens work the best, but they don't last  
>long.  
>How hard is it to tape and paste the little circles?  
>How about the film methods? Where do you get the stuff, and how much does it

```
>cost?
>TNX in advance.
>Dan Reynolds, bcdlr@aol.com, KB9JL0
>
>
```

This question deserves a FAQ on PC-board work in general. IS there a FAQ for neophytes (oops, I shouldn't have used that word) on the subject? Is there a good up-to-date reference on hobbyists making PC boards?

Enquirying minds what to know.

john, N3000/zeroland

|                                                                         |                                  |
|-------------------------------------------------------------------------|----------------------------------|
| John A. Evans                                                           | Chief System Administrator       |
| (719) 528-1800 ext 164 (voice)                                          | Titan Client/Server Technologies |
| (719) 528-1888 (fax)                                                    | 1115 Elkton Dr, Suite 100        |
| email: <a href="mailto:jaevans@cos.titan.com">jaevans@cos.titan.com</a> | Colorado Springs, CO 80907-3535  |

From owner-qrp-l@netcom.com Fri Mar 17 17:56:18 1995  
From: BCdlr@aol.com  
Date: Fri, 17 Mar 1995 13:05:28 -0500  
Message-Id: <950317130527\_52540103@aol.com>  
Subject: PC Boards

What are some of the ways you guys get your artwork onto the PC board? I've been using the: copy the layout, tape it to the board with carbon paper, trace, center punch, pull it off, then I've been using perm. markers and etch resist pens, (RS). The etch resist pens work the best, but they don't last long.

How hard is it to tape and paste the little circles?

How about the film methods? Where do you get the stuff, and how much does it cost?

TNX in advance.

Dan Reynolds, bcdlr@aol.com, KB9JL0

From owner-qrp-l@netcom.com Thu Mar 16 18:27:22 1995  
Date: Thu, 16 Mar 1995 14:24:00 -0800  
From: Joe Gervais <jgervais@weber.ucsd.edu>  
Message-Id: <199503162224.OAA06004@weber.ucsd.edu>  
Subject: QRT for awhile...

Hi all,

Sorry for taking up bandwidth, but I've got alot of dangling business with folks on this list and figured a quick note would best cover all the bases.

The bad news (for me): I'll be off the Internet for a few months starting Monday 3/20.

The good news: My family and I are moving to Arizona. Yes, at long last I'll have cheap land and no CC&R's! Anyone know a good tower supplier? :)

I'll still be able to receive email at "jgervais@ucsd.edu" but I won't be able to check it more than a few times a month (out-of-state toll call).

Wow - great new job, my NorCal-40a arrived, and soon I may be pushing my few watts through a quad. Is this a great year so far or what? :)

BTW, anyone know an Internet provider in the Phoenix area?

Also if my schedule settles down by July, I'd be interested in organizing a summer "warm up" fox hunt. I'll do all the leg work if enough folks want to take part. I was thinking 15m/40m so Novice/Tech+'s could hunt. Yeah I know, sounds masochistic... Maybe we'll get an unexpected sun spot spike. :)

Thanks again to everyone. Talk to you again soon.

7.3 de KD6PRD/7,

-Joe

Arizona State Motto: "But it's a dry heat..."

From owner-qrp-1@netcom.com Thu Mar 16 16:02:03 1995  
Message-Id: <9503162012.AA07851@us1rmc.bb.dec.com>  
Date: Thu, 16 Mar 95 15:12:18 EST  
From: Bill Acito 16-Mar-1995 1510 <acito@asdg.UNET.dec.com>  
Subject: reminder...

Reminder... are your gel-cells charged? Antennas hung?

b

#### SPRING QRP TO THE FIELD

1600Z to 2400Z, Saturday, April 1, 1995

Get ready for June Field Day, by testing equipment on the "Spring QRP to the Field" sponsored by the NorCal QRP Club.

#### Rules:

Single transmitter on the air at one time. Once started, you must use the same power output and location categories.

EXCHANGE: CW = RST & State, Province or Country  
SSB = RS & State, Province or Country

QSO POINTS: 1 Watt or less CW = 10 points  
SSB = 10 points  
5 Watts or less CW = 5 points  
SSB = 5 points  
More than 5 W CW = 2 points  
SSB = 1 point

MULTIPLIERS: Field location = 3.0 x multiplier (Field = battery power & temporary antennas.)  
Home location = 1.0 x multiplier (Home = commercial power or permanent antennas)  
Homebrew Equipment = 1.5 x multiplier (If you built it, it is homebrew to us)  
Commercial Equipment = 1.0 x multiplier

FINAL SCORE Band/mode QSO points x location x equipment = band/mode total  
Add all band/mode totals for final score.

AWARDS: "Top Ten" Scores certificate (Ten Stations with the highest point totals.  
Participant Certificate for 20 or more contacts from a field location. (Include a 9x12 manila envelope with 3 units of postage).

Send logs, station and location description along with a summary sheet and the usual signed declaration to:

Bob Farnworth, WU7F  
6822 131 Ave. SE  
Bellevue, WA 98006

Deadline for entries is May 1, 1995. All logs received after May 1 become check logs. All contest decisions made by the contest manager and are final.

The idea for this contest comes from the New England QRP Club who hosted the very popular QRP-AFIELD in the fall. Please circulate this announcement to other QRPers and please include it in your QRP newsletters. Thanks to Bob who came forward and agreed to handle the contest for NorCal QRP Club.  
72, Doug, KI6DS

From owner-qrp-l@netcom.com Fri Mar 17 18:31:40 1995  
Message-Id: <199503171405.GAA07872@mail.netcom.com>  
Date: Fri, Mar 17, 1995 08:06  
From: "Ted Kell" <kell@mpac.jsc.nasa.gov>  
Subject: Re: reminder...

One small question. The definition of field location is "(Field = battery power & temporary antennas.)" Do I understand that if you strung a temporary ant., say a long wire, and used batteries, it would be acceptable to operate from the comfort of your kitchen?

72

In message <9503162012.AA07851@us1rmc.bb.dec.com> Bill Acito 16-Mar-1995 1510 writes:

>  
>  
> Reminder... are your gel-cels charged? Antennas hung?  
>  
> b  
>  
>  
>  
>  
>  
>  
> SPRING QRP TO THE FIELD  
> 1600Z to 2400Z, Saturday, April 1, 1995  
> Get ready for June Field Day, by testing equipment on the "Spring QRP to  
> the Field" sponsored by the NorCal QRP Club.  
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> Rules:  
> Single transmitter on the air at one time. Once started, you must use the  
> same power output and location categories.  
>



> EXCHANGE: CW = RST & State, Province or Country  
> SSB = RS & State, Province or Country  
>  
> QSO POINTS: 1 Watt or less CW = 10 points  
> SSB = 10 points  
> 5 Watts or less CW = 5 points  
> SSB = 5 points  
> More than 5 W CW = 2 points  
> SSB = 1 point  
>  
> MULTIPLIERS: Field location = 3.0 x multiplier (Field = battery power &  
> temporary antennas.)  
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> permanent antennas)  
> Homebrew Equipment = 1.5 x multiplier (If you built it, it is  
> homebrew to us)  
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>  
> FINAL SCORE Band/mode QSO points x location x equipment = band/mode total  
> Add all band/mode totals for final score.  
>  
> AWARDS: "Top Ten" Scores certificate (Ten Stations with the highest  
> point totals.  
> Participant Certificate for 20 or more contacts from a field  
> location. (Include a 9x12 manila envelope with 3 units of  
> postage).  
>  
> Send logs, station and location description along with a summary sheet and  
> the usual signed declaration to:  
> Bob Farnworth, WU7F  
> 6822 131 Ave. SE  
> Bellevue, WA 98006  
> Deadline for entries is May 1, 1995. All logs received after May 1 become  
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>  
> The idea for this contest comes from the New England QRP Club who hosted the  
> very popular QRP-AFIELD in the fall. Please circulate this announcement to  
> other QRPers and please include it in your QRP newsletters. Thanks to Bob  
> who came forward and agreed to handle the contest for NorCal QRP Club.  
> 72, Doug, KI6DS

Ted Kell (kell@mpac.jsc.nasa.gov)

From owner-qrp-l@netcom.com Fri Mar 17 17:40:15 1995  
Message-Id: <9503171641.AA01640@garnet.inel.gov>  
Date: Fri, 17 Mar 1995 09:42:48 -0700

From: LVE1@inel.gov (Larry East)  
Subject: Removing Solder Flux

OK, after seeing all the posts about using vodka, finger nail polish remover, etc., I gotta get my \$0.02 worth in: Why not just go to your local Radio Shack and buy a can of their Solder Flux Remover? I use it all the time, and it works just fine. Use an old tooth brush (no, I do NOT see any foam!) to scrub the board, and a Q-tip wetted with the flux remover to remove any final residue.

So, can we get back to QRP stuff??

-----  
"Any opinions expressed herein are my own and probably do  
not agree with those of my employer, the U.S. Government  
or my spouse"

--... ..--

Larry V. East (W1HUE)

Idaho Falls, ID

e-mail: LVE1@inel.gov

Packet: W1HUE@WT7B.ID.USA.NOAM

work: (208) 533-4005 home: (208) 529-2162

From owner-qrp-l@netcom.com Fri Mar 17 17:39:35 1995  
From: johnhill@freenet.edmonton.ab.ca  
Date: Fri, 17 Mar 1995 06:01:43 -0700 (MST)  
Subject: RFC value...HOW??  
Message-Id: <Pine.A32.3.91.950317055512.62891B-100000@freenet.edmonton.ab.ca>

In many QRP circuits there are RFC's, radio frequency choke, using all sorts of values. Could someone please enlighten me as to how to calculate the value of an RFC?? I realise that there are current requirements and that governs the wire size and that wire size is part of the inductance requirement but as to the rest of it, well, I'm lost.  
Thanks in advance, VE6CU.

JOHN HILL email: johnhill@freenet.edmonton.ab.ca 9908 152 AVENUE NW SUITE 747 phone: 475-9667 EDMONTON, AB, T5E 2S1

From owner-qrp-l@netcom.com Fri Mar 17 18:38:48 1995  
Message-Id: <199503172011.PAA07124@jfwhome.funhouse.com>  
Subject: Re: RFC value...HOW??  
Date: Fri, 17 Mar 1995 15:10:59 -0500  
From: "John F. Woods" <jfw@jfwhome.funhouse.com>

> In many QRP circuits there are RFC's, radio frequency choke, using all

> sorts of values. Could someone please enlighten me as to how to  
> calculate the value of an RFC?? I realise that there are current  
> requirements and that governs the wire size and that wire size is part of  
> the inductance requirement but as to the rest of it, well, I'm lost.

Typically, the value of an RFC should be such that its impedance is at least ten times the circuit impedance where you're going to hook it in at the frequencies of interest. You also need to make sure that the physical RFC which you place in the circuit has a self-resonant frequency well above the frequency of interest -- unless you're actually cheating and using it as a sort-of-tuned circuit with low impedance at a frequency of interest and high impedance elsewhere (a trick I dislike, since it depends so heavily on details of construction, and it makes life really difficult when you want to change the frequency of operation). Sometimes, you're guided by what's in the junkbox (if 100uH will do and you've got a box full of 100uH inductors, that's what you pick).

For a description that's less of a rule of thumb, you have to analyze the circuit you're interested in and figure out why you need an RFC, and what it has to do -- that will generally tell you its value right off. :-)

73, John, WB7EEL

From owner-qrp-l@netcom.com Fri Mar 17 18:49:19 1995  
Date: Fri, 17 Mar 1995 08:16:31 -0600 (CST)  
From: Jeff Gold <JMG@tntech.edu>  
Subject: RS speaker Part #  
Message-Id: <01H08HWV44TWD00DVV@tntech.edu>

the radio shack part number for amplified speaker:

page 125 1994 catalogue

#277-1008->\$11.99

From owner-qrp-l@netcom.com Fri Mar 17 18:09:39 1995  
Message-Id: <9503171605.AA26777@us1rmc.bb.dec.com>  
Date: Fri, 17 Mar 95 11:13:39 EST  
From: "Dennis, K1YPP, 226-5982" <blanchard@nac.enet.dec.com>  
Subject: Solder and flux.

Just wanted to make a few quick comments on the solder/flux dialog:

The old rosin core solder can tend to leave some ugly looking brown material on the joints, but from an operational perspective, it is reasonably insulated and at DC and low frequencies it doesn't do a lot of harm. It is wise to clean off as much as possible, but the effort may have diminishing returns. It is especially difficult to remove if it is very old.

The water soluble stuff is very easy to clean. A mild handsoap and warm water works very nicely, the soap isn't even necessary. Contrary to the rosin solder however, it really should be cleaned if high frequencies or extremely small currents are involved.

If this stuff is used with CMOS circuits, or devices such as the Unitrode UC3906 battery charger chip, strange things can occur if it is not cleaned off. A CMOS chip, such as the Curtis Keyer 8044ABM will start to key itself, or not key at all etc. The UC3906 previously mentioned has currents as small as 10 microamps, and this flux, if left on, can offer paths as low as a megohm between pins on the IC. Things can vary with temperature and humidity and drive a builder crazy if they are not aware of this flux being on the board.

I prefer the water soluble stuff, it is more pleasant to work with, but must be cleaned off.

72'

Dennis, K1YPP

From owner-qrp-l@netcom.com Thu Mar 16 12:37:33 1995  
From: Bob\_White@CCMAIL.AEROSYS.LORAL.COM  
Date: Thu, 16 Mar 95 11:35:05 EST  
Message-Id: <9502167953.AA795382741@CCMAIL.AEROSYS.LORAL.COM>  
Subject: SSB QRP Fox Hunt 3/21/95 21:00-23:00 EST

"And a fun time was had by all! Thanks Ron."

Bob White W03B 3/14/95  
re:Internet SSB Fox Hunt

Announcing the.....

First Annual First Day of Spring, Don't forget to put up your 160 meter Sky Loop before the leaves come back out, Internet QRP SSB Fox Hunt!"

Featuring 160 Meters!

This weeks QRP SSB Fox Hunt is scheduled for Tuesday evening (EST) with the following segments:

21:00-21:30 EST      1.850 - 1.870 MHz      (160 meters)

21:30-22:00 EST      3.780 - 3.788 MHz      (75 meters)

22:00-22:30 EST      3.900 - 3.910 MHz      (75 meters)

22:30-23:00 EST      1.850 - 1.870 MHz      (160 meters)

This is basically the same format that was so successful for Steve AB4EL two weeks ago, besides, I really don't feel like talking to myself on 40 meters for one hour.

W03B is located in Pasadena, MD which is about 12 mi.. SE of Baltimore and 12 mi.. NE of Annapolis. To be precisely, 39 07.44N 76 27.02W.

I will be radiating from a 160 meter Sky Loop up at about 55 feet which was erected by Sky Loop constructor extraordinaire John K04A (call sound familiar? He just joined the QRP-l. He has put up close to 20 of these things for members of our club.) I will be wearing my best ears (TS 940S and a DSP) and be exciting the airways at precisely 5 watts output.

I am a lonely Fox looking forward to being found, again and again and ....

Until Tuesday.

72/73,  
Bob White W03B

[bob\\_white@ccmail.aerosys.loral.com//W03B@WB3V.md.usa.na](mailto:bob_white@ccmail.aerosys.loral.com//W03B@WB3V.md.usa.na)

From owner-qrp-l@netcom.com Thu Mar 16 17:57:38 1995  
Message-Id: <9503162153.AA27163@Early-Bird.Think.COM>  
From: WILLIAM SCHILLER <schiller@cherokee.nsuok.edu>  
Subject: SUBSCRIBE  
Date: Thu, 16 Mar 95 15:52:05 CST

Please SUBSCRIBE me in the QRP reflector.  
Thanks,  
Bill Schiller KJ5CI

From owner-qrp-l@netcom.com Thu Mar 16 11:47:24 1995  
From: N5EM@aol.com  
Date: Thu, 16 Mar 1995 10:43:15 -0500  
Message-Id: <950316104303\_51311373@aol.com>  
Subject: Ten Tec Argosy II for Sale

Captured from the Ham-Homebrew List at ucsd.edu:

\*\*\*\*\*

Date: Sun, 12 Mar 95 21:06:00 -0500  
>From: chris.smart@canrem.com (Chris Smart)  
Subject: Ham gear for sale

## 2. Ten-tec Argosy II

Yes, I'm parting with it, after 6 years of great performance.

Features: extremely small solid-state rig; great beginner radio for people with a low budget, perfect for mobiles, a great backup rig for emergencies or up at the cottage.

- 5 or 50 watts ssb and cw,
- transmits upper and lower sideband, cw, (automatically offsets transmitter when switched over to cw)
- transmits and receives on 80, 40, 30, 20, 15, and 10 metre bands. (10 m is split into four band selections, 28.0-28.5, 28.5-29.0, etc.)
- great notch filter for eliminating carriers
- digital readout for frequencies, power/swr/signal meter,
- comes with Ten-tec power supply, d-104 desk mike that looks awful but is a perfect match with this radio,
- also comes with voice readout for frequencies, (great for white-caners like me)

Reason for selling: I'm just not interested in keeping this thing around any more. I have almost lost all interest in HF, and will buy a better radio when I get back into the low bands. Furthermore, as I mentioned above, I need the money for other things.

History: For the first year after I purchased this radio, I was constantly replacing fuses in the power supply, and the radio was pretty warm even with almost perfect swr readings. Then, the voltage regulator went for good in the power supply, blowing the two big transistors in the finals. \$138 later, the supply and radio were fixed, and I have had no problems since. No blown fuses, no overheating problems, etc. It works great, except for the following minor problems. The plastic knob on the mode-change control can be removed by simply sliding it off its post. There is no longer a knob on the notch filter control, but this could be easily remedied. Also, the RIT control needs to be lined up again. In other words, when the RIT control is in the middle of its range (transmit and receive are on the same frequency supposedly), transmit is down the band about 1.5 KC's from where the receiver is. I just turn the RIT to correct this, but its annoying having to have it permanently set wrong.

I'd like \$450.00 or best offer for this rig, power supply, voice

readout, d-104 mic. I still have the manuals and paperwork as well.  
If you don't want the d-104, I'll probably just throw it out as its  
so beat up.

73, de ve3sht.

From owner-qrp-l@netcom.com Thu Mar 16 17:25:47 1995  
Date: Thu, 16 Mar 1995 11:53:27 -0600 (CST)  
From: Jeff Gold <JMG@tntech.edu>  
Subject: thanks .. list help  
Message-Id: <01H07B48KOR6DNZVR8@tntech.edu>

Well, really can't remember who posted the message..but thanks.

I had stopped a number of times at Radio Shack to get an amplified speaker to use with rigs such as the Norcal 40, the NE 30-40 and some OH's that don't have enough audio to put even a small speaker in. The ones I saw at RS were all too expensive and big. I kept waiting for a sale on them. Then someone posted about a \$11.95 speaker that he had working with the Norcal 40. Went down to the local RS armed with their part number. They were sure they had it, or so the computer showed, but couldn't locate the item for a while. They finally found it hung on a wall. The speaker is very small, can use either a 9 volt or external supply and works GREAT with both my Norcal 40 and 30-40. It came with a battery and is tiny and small so it will be really good for portable operation.

thanks

Jeff, AC4HF

From owner-qrp-l@netcom.com Thu Mar 16 13:14:11 1995  
From: Robert6478@aol.com  
Date: Thu, 16 Mar 1995 11:16:02 -0500  
Message-Id: <950316111446\_51337566@aol.com>  
Subject: the ugly truth...

Regarding the WWW Page:

I have to admitt.. I discovered this list while looking around on Prodigy's Web server. I had just come accross my HW-7 while cleaning the basement and thought "hey, I wonder if there's anything on the net..."

I'm still in the process of collecting the pieces to get my HW-7 running again. I bought some mail order WWII vintage headphones mail-order, and today I'll be looking for a power supply and SWR meter.

If I find that I have enough time for operating, I am very interested in the Index Labs QRP+. A few notes back there was some talk of a group purchase. I'm wondering if there is still any interest in that, and if so, how much of a discount would there be on the rig?

I saw an add in the latest CQ for a QRP version of the Ten-Tec Scout. Does anyone have any experience with the rig, or would anyone care to comment?? Seems reminiscent of the qrp versions of the Kenwood TS120-130.

I have really enjoyed reading this list. There are a lot of thoughtful folks in this segment of ham radio.

Re: Where I canoe.

As I live in St. Paul, MN, all of my tripping experience has been in the BWCA and adjacent lakes.

Warm regards,

Rob  
KA0GZO

From owner-qrp-l@netcom.com Thu Mar 16 11:20:34 1995  
From: "Doyle, Ron" <doyler@uh2297p01.daytonoh.ATTGIS.COM>  
Subject: Update and correction to my FOX Results  
Date: Thu Mar 16 07:25 EST 1995  
Message-Id: <2F682DC7@sdccwinb.daytonoh.attgis.com>

I feel like I need to make this update because Warren, ad4ze, was one of those cranking his power down. I mangled his call to pd4ze. Warren had made his first contact at 5 watts, then followed wo3b's 750mw with 1 watt and finally to 500mw. I got all of his info correct except his call. Must be the lack of accent those southerners have. :) Boy, did I enjoy all of that low power!

72 to all

Ron Doyle, N8VAR  
AT&T GIS - Dayton  
Work (513) 445-3179  
Home (513) 237-0790  
<Ronald.Doyle@DaytonOH.ATTGIS.COM> or  
<RonaldDoyle@Ichange.com>



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Practice Random Kindness and Senseless Acts of Beauty

From owner-qrp-l@netcom.com Fri Mar 17 17:38:08 1995  
Date: Thu, 16 Mar 95 16:25:12 CST  
From: msdooley@collie.aud.alcatel.com (Michael S. Dooley)  
Message-Id: <9503162225.AA03096@collie.aud.alcatel.com>  
Subject: Vacation/hamfest/fun

Hey everyone!

I'll be on vacation starting Friday and lasting until a week from next Monday. I'll be back on this mail list Wednesday from the house. I'm going to a hamfest in Midland Texas this weekend and then to Fort Davis (down towards the Big Bend in Texas) Sunday.

FOR ALL INETTERS!!! I'll be on from 8PM to 10PM Sunday night local Central time from Fort Davis, Texas. I'll be around 7.040 with the SW40 running about .9 watts... The antenna will be a three element 40 meter beam on a ranch down there, and/or a really long Long wire (like several wavelengths). Listen for the call!! CQ INET CQ INET DE KE4PC KE4PC K

See ya' when I get back!

Mike Dooley KE4PC

From owner-qrp-l@netcom.com Fri Mar 17 16:47:59 1995  
Message-Id: <9503171613.AA27181@us1rmc.bb.dec.com>  
Date: Fri, 17 Mar 95 11:24:00 EST  
From: "Dennis, K1YPP, 226-5982" <blanchard@nac.enet.dec.com>  
Subject: VHF Antenna Matching Units (Tuners)

One problem that is encountered with VHF or UHF antenna tuners that does not exist with low frequency tuners to the same degree, is the coaxial losses.

If coaxial cable is used from the antenna matching unit on HF, the losses are low, and even high SWR is not much of an issue if the system is matched. However, at VHF and above, coaxial losses are substantial. SWR creates circulating currents that travel back and forth between the antenna and the matching unit. Even though the transmitter is matched to the system with the matching unit, the SWR currents are still there. Although the losses on HF are insignificant due to SWR circulating currents, on VHF traversing the cable many times increases energy loss many times.

The transmitter will be perfectly happy using a tuning device, and all will appear to be fine, however, much of the energy will be used to heat the cable, and not radiated into space.

Therefore, on VHF one should really try to create the match at the antenna. This is why most VHF/UHF antenna systems usually provide some sort of tuning at

the antenna, it keeps the circulating currents low on the coax.

Of course if one uses very short lengths of coax, or high quality twin-lead wire, then a matching unit is still a viable device, even at two meters. Look in the handbooks at the charts for loss vs. SWR vs. Frequency for specific numbers.

72'

Dennis, K1YPP

From owner-qrp-1@netcom.com Thu Mar 16 17:38:15 1995  
Date: Thu, 16 Mar 1995 10:59:24 -0800 (PST)  
From: "H. Ward Silver" <hwardsil@seattleu.edu>  
Subject: Re: Vibroplex  
Message-Id: <Pine.3.07.9503161022.J21622-a100000@bach.seattleu.edu>

If you have a plastic, polished wood, or otherwise slick/shiny operating desk surface, the problem of the scooting paddle can be solved fairly inexpensively. Just, how shall I put this, "Spit" on your fingertip and apply to the paddle feet. Press the paddle down on the desktop for a couple of seconds...voila! This works pretty well and doesn't leave an unsightly wax buildup.

There's a snazzy Vibroplex tee-shirt advertised in CQ Magazine. It looks quite good in real life...nice big logo.

73, Ward N0AX

From owner-qrp-1@netcom.com Fri Mar 17 16:47:21 1995  
From: Byron8LCZ@aol.com  
Date: Fri, 17 Mar 1995 00:04:02 -0500  
Message-Id: <950317000222\_52114280@aol.com>  
Subject: Re: Vibroplex

Yes, but the double sided tape works for years and only costs 25 cents per operating site. its great for portable outings also, i stick my key anywhere. I wish i had found this method years ago, what an incredible way to make my DX'ing a little easier. Cause when the DX comes in, I get VERY excited !

It also isnt as discusting as spitting on a table. HI

72, Byron WA8LCZ

From owner-qrp-1@netcom.com Fri Mar 17 17:00:10 1995  
Date: Thu, 16 Mar 1995 18:25:27 -0500 (EST)  
From: Richard Haynes <rhaynes@explorer.csc.com>  
Subject: Re: Vibroplex  
Message-Id: <Pine.SUN.3.91.950316182301.18411C-100000@explorer.csc.com>

I fixed the problem of the scooting paddle by placing a computer mouse pad under the key. With the key on one end and the fist on the other all is still level and nothing moves.

Well, just my \$.02 worth.

72's Richard

-----  
| Richard Haynes -- N5QXF -- QRP 7499 -- NorCal 601 |  
| the comments and opinions are my own, not CSC ... |  
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From owner-qrp-1@netcom.com Fri Mar 17 17:48:53 1995  
Date: Thu, 16 Mar 1995 20:02:31 -0500 (EST)  
From: Sherwood Probeck <sprobeck@netaxs.com>  
Subject: Re: Vibroplex  
Message-Id: <Pine.SUN.3.91.950316195525.23966A-100000@unix3.netaxs.com>

Hello All!

To keep my Vibroplex from going all over the desk top I took a mouse pad and carved out three holes in it where the three feet for the Vibroplex would rest in (towards the back-end of the pad.) Now I have a nice hand rest and the paddles stay put!

Just my .02 cents worth :) )

72/73 de KE3MI

=====

|                            |                                             |
|----------------------------|---------------------------------------------|
| Sherwood R. Probeck, KE3MI | "What hath God wrought." Samuel Morse, 1844 |
| ex KB2MOQ, N2NFE and KF2EP | Morse Code - Try it, You'll like it!        |

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On Thu, 16 Mar 1995, H. Ward Silver wrote:

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> If you have a plastic, polished wood, or otherwise slick/shiny operating  
> desk surface, the problem of the scooting paddle can be solved fairly  
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>  
> There's a snazzy Vibroplex tee-shirt advertised in CQ Magazine. It looks  
> quite good in real life...nice big logo.  
>  
> 73, Ward N0AX  
>  
>

From owner-qrp-l@netcom.com Fri Mar 17 18:10:23 1995  
Date: Thu, 16 Mar 1995 15:26:13 -0800 (PST)  
From: Stephen Lee <slee@u.washington.edu>  
Subject: Re: Vibroplex  
Message-Id: <Pine.A32.3.91c.950316151638.67413B-100000@homer19.u.washington.edu>

I use a hard surface mousepad under my Vibroplex.  
Wall Data Corp. was giving them out as promotional items so  
I latched onto a few. They're a little too small for regular  
mouse use, can be trimmed with scissors if necessary, only  
1/16 inch thick including the rubber backing. For some odd  
reason, I like to tilt my Vibroplex so the paddles are close  
to the pad. Works great...everything stays put and it's easy  
to clean, easy to relocate.

73's all,  
Stephen Lee  
AB7HI

From owner-qrp-l@netcom.com Thu Mar 16 18:49:16 1995  
From: david.gauding@slug.org (David Gauding)  
Subject: Vibroplex Bug  
Date: Thu, 16 Mar 1995 18:03:35 GMT  
Message-Id: <9503161330051608@slug.org>

Wondering if any of our key collectors can help me date a Vibroplex.

I'm told I have a "Lightning" model but this has not been confirmed.

This bug has a black crackle finish on the base, all other metal parts  
are chromed. There is a traditional black plastic or bakelite finger

knob and a black composition material thumb piece. There is a brass (gold plated?) manufacturer's plate with the 833 Broadway Address. The logo "bug" is in red. The word "Patented" appears on the plate but there are no numbers below it. The serial number is 153502.

In addition to being in absolute mint condition (possibly never used) the bug came with a finely machined extension for the operating arm. It has a socket with set screw and tapers to a solid rod. This rod accepts the standard weights, if desired, and the dot action can be slowed down to a crawl compared to standard speeds.

Was this a Vibroplex accessory, a retail after-market item or perhaps a custom made item by the previous owner(s)?

Any info or comments you may wish to pass along will be appreciated.

Thanks de Dave                      nf0r@slug.org

From owner-qrp-1@netcom.com   Fri Mar 17 17:31:51 1995

Date: Fri, 17 Mar 1995 08:43:11 -0500

Message-Id: <9503171343.AA01315@water.waterw.com>

From: bob@water.waterw.com (Bob Applegate)

Subject: WWW Page

Well, it seems that everyone WANTS a web page, and lots of people have offered to set one up... can we agree on who should be doing it so that everyone can direct good ideas to that one person and prevent duplicate effort?

I'll also toss my hat into the ring for setting up a site. I own this Internet access 1 company, so I can guarantee that space will be available for the list, and that it can be maintained properly. We've been working on an automated "score server" that would allow someone to send email to host with a special format, and it would automatically add the score to a web page for that particular contest. A number of simultaneous contests could be supported, so the QRP contests and the QRO contests can live side-by-side.

Again, let's agree on a site for the page and then everyone contribute to it (I'll toss in our contest web page server).

73,

Bob WA2ZZX

Bob Applegate, bob@waterw.com

Water Wheel Systems  
35A East Main Street, Suite 10  
Marlton, NJ 08053  
609-596-0032